CLAIMS:

I claim:

1. A method for testing multi-byte data handling comprising the steps of:

converting each single byte native text character of a source string to a multi-byte equivalent to produce a multi-byte test string; and,

providing said multi-byte test string to a testing tool for use when testing a computer program.

2. The method of claim 1, wherein said multi-byte equivalent is a wide Latin equivalent.

3. The method of claim 1, wherein said converting step comprises the steps of:

for each said single byte native text character, determining whether said character falls within a range of alphanumeric characters; and,

for each said single byte native character, converting said character to a multi-byte equivalent to produce a multi-byte test string only if said character falls within said range.

4. The method of claim 2, wherein said converting step comprises the steps of:

for each said single byte native text character, determining whether said character falls within a range of alphanumeric characters; and,

for each said single byte native character, converting said character to a multi-byte equivalent to produce a multi-byte test string only if said character falls within said range.

5. The method of claim 2, wherein said converting step comprises the step of adding a fixed integer value to each said character to produce said wide Latin equivalent.

6. A machine readable storage having stored thereon a computer program for testing multi-byte data handling, the computer program comprising a routine set of instructions which when executed by a machine cause the machine to perform the steps of:

converting each single byte native text character of a source string to a multi-byte equivalent to produce a multi-byte test string; and,

providing said multi-byte test string to a testing tool for use when testing a computer program.

7. The machine readable storage of claim 6, wherein said multi-byte equivalent is a wide Latin equivalent.

8. The machine readable storage of claim 6, wherein said converting step comprises the steps of:

for each said single byte native text character, determining whether said character falls within a range of alphanumeric characters; and,

for each said single byte native character, converting said character to a multi-byte equivalent to produce a multi-byte test string only if said character falls within said range.

9. The machine readable storage of claim 7, wherein said converting step comprises the steps of:

for each said single byte native text character, determining whether said character falls within a range of alphanumeric characters; and,

for each said single byte native character, converting said character to a multi-byte equivalent to produce a multi-byte test string only if said character falls within said range.

10. The machine readable storage of claim 7, wherein said converting step comprises the step of adding a fixed integer value to each said character to produce said wide Latin equivalent.

11. A method for testing multi-byte data handling comprising the steps of:

first loading a first single-byte character in a test string;

adding a base value to said loaded character to convert said character to a multi-byte equivalent character;

inserting said multi-byte equivalent character into a result string at a position in said result string equivalent to a corresponding position in said test string;

second loading a next single byte character in said test string; and,

repeating said adding, inserting and second loading steps for each remaining character in said test string.

12. The method of claim 11, wherein said adding step comprises the step of adding a base value to said loaded character to convert said character to a wide Latin equivalent.

13. The method of claim 11, further comprising the step of performing said adding step only if said loaded character is an alphanumeric character.

14. A machine readable storage having stored thereon a computer program for testing multi-byte data handling, the computer program comprising a routine set of instructions which when executed by a machine cause the machine to perform the steps of:

first loading a first single-byte character in a test string;

adding a base value to said loaded character to convert said character to a multi-byte equivalent character;

inserting said multi-byte equivalent character into a result string at a position in said result string equivalent to a corresponding position in said test string;

second loading a next single byte character in said test string; and,

repeating said adding, inserting and second loading steps for each remaining character in said test string.

15. The machine readable storage of claim 14, wherein said adding step comprises the step of adding a base value to said loaded character to convert said character to a wide Latin equivalent.

16. The machine readable storage of claim 14, further comprising the step of performing said adding step only if said loaded character is an alphanumeric character.